

PH12

464-562

***** PENDING APPROVAL *****

THE DOW CHEMICAL COMPANY QUALITY ASSURANCE
LABEL CONFIRMATION COPY PRINTED: 18-DEC-84 PAGE: 1

SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
REQUESTOR: ROSS / MILLIGAN
LABEL COLORS BASE: OTHERS:
PRODUCT NAME: DURSBAN* TC
DATE CODE: 1084 PREVIOUS DATE CODE: D384 DISPOSAL: 2 30 NOV 84
TEXT MASTER: 0286-HELD PUT ON HOLD BY: EVA ROSS

***** ORDER INFORMATION *****
MCKAY JOB NUMBER 63895
CHARGE NO: 530-20526-086-260
NO MCKAY INSTRUCTIONS GIVEN
Specimen Label

NEW, LOW ODOR

DURSBAN* TC
Termiticide Concentrate

To Be Applied Only by or Under the Supervision of Commercial
Applicators Responsible for Insect Control Programs. Not Intended
for Use by Homeowners.

SHAKE WELL BEFORE USING -- STORE ABOVE 55 F -- Note: Crystals may
form in this product if store below 55 F. If crystals are present,
warm to 70 F and shake occasionally until crystals disappear.

Active Ingredient(s):

(Chlorpyrifos [0,0-diethyl O-
,3,5,6-trichloro-2-pyridyl]

phosphorothioate] 43.0%

Xylene Range Aromatic

Solvent 21.2%

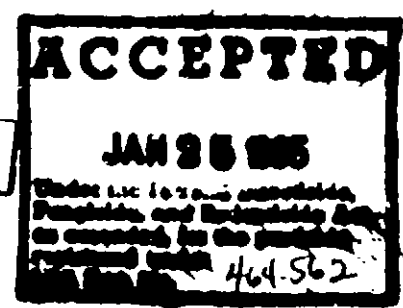
Inert Ingredients 35.8%

Contains 4 pounds of chlorpyrifos per gallon

E.P.A. Registration No. 464-562

E.P.A. Est. 464-MI-1

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KEEP OUT OF REACH OF CHILDREN
WARNING

AVISO: [CHETUM]PRECAUCION AL USUARIO:[INORM] Si usted no lee ing[ACUTE ACCENT]
es, no use este producto hasta que la etiqueta le haya sido explicada
ampliamente.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

MAY BE FATAL IF SWALLOWED[BUL]MAY BE ABSORBED THROUGH SKIN[BUL]MAY BE
INJURIOUS TO EYES AND SKIN

Do Not Take Internally[BUL]Do Not Get in Eyes, on Skin, or on Clothing[BUL]

Avoid Breathing Vapors and Spray Mist[BUL]Wash Thoroughly After

Handling and Before Eating or Smoking[BUL]

(CONTINUED)

SPECIFICATION NUMBER: 26036-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: MURSBAN TC

Do Not Wear Contaminated Clothing or Shoes

[BOLD]STATEMENT OF PRACTICAL TREATMENT:[NORM] [BOLD]If Swallowed:[NORM]

Do not induce vomiting. Contains aromatic petroleum solvent. Call a Physician immediately. [BOLD]If On Skin:[NORM] In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If irritation persists get medical attention. [BOLD]If In Eyes:[NORM]

Flush eyes with plenty of water for 15 minutes. Call a physician. [BOLD]If Inhaled:[NORM] remove to fresh air.

[BOLD]NOTE TO PHYSICIAN:[NORM] Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/Protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

Physical or Chemical Hazards

COMBUSTIBLE[BUL]Do Not Use or Store Near Heat or Open Flame.

Environmental Hazards

This product is highly toxic to bees exposed to direct treatment or residue on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.[BUL]MURSBAN TC is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries.[BUL]Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

NOTICE

Read the entire label. Use only according to label directions.

[BOLD]

Before using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return [BOLD]unopened[NORM] package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Limit of Warranty and Liability.

IN CASE OF AN EMERGENCY

endangering life or property involving this product, call collect 517-636-4400

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

(1) DIRECTIONS FOR USE

(CONTINUED)

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(SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN* TC

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

(2) SAFE HANDLING PROCEDURES

Wear suitable protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, chemical workers goggles, neoprene or natural rubber gloves and footwear, a long-sleeved shirt and long-legged pants or coveralls are recommended. To avoid breathing spray mist during application in confined areas, wear a mask or respirator of a type recommended by NIOSH for filtering spray mists and organic vapors.

(3) SUBTERRANEAN TERMITES

DURSBAN TC for soil treatment is used to establish a barrier which is lethal to termites. The chemical emulsion must be adequately dispersed in the soil to provide a barrier between the wood in the structure and the termite colonies in the soil.

(4)

(It is necessary for the effective use of this product that the service technician be familiar with current control practices including trenching, rodding, subslab injection, and low pressure spray applications. These techniques must be correctly employed to prevent or control infestations by subterranean termite species of [BOLD] Reticulitermes, Zootermopsis, Heterotermes, [NORM] and [BOLD]Coptotermes. [NORM] Choice of appropriate procedures includes consideration of such variable factors as the design of the structure, water table, soil type, soil compaction, grade conditions, and the location and type of domestic water supplies. The biology and behavior of the involved termite species are important factors to be known as well as suspected location of the colony and severity of the infestation within the structure to be protected. For advice concerning current control practices for specific local conditions, consult resources in structural pest control.

(5)

Contamination of public and private water supplies must be avoided by following these precautions: Use antiback-flow equipment or procedures to prevent siphonage of pesticide back into water supplies. Do not treat structures that contain cisterns or wells. Do not treat soil that is water saturated or frozen. Consult state and local specifications for recommended distances of treatment areas from wells, and refer to Federal Housing Administration Specifications for further guidance.

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SPECIFICATION NUMBER: 26056-1.2 STYLE: I DESCRIPTION: SPECIMEN LABEL (11)
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN TC

(6)
All nonessential wood and cellulose containing materials, including scrap wood and form boards, should be removed from around foundation walls, crawl spaces, and porches. This does not include existing structural soil contact wood that either has been or needs to be treated.

(7) PRECONSTRUCTION SUBTERRANEAN TERMITE TREATMENT
Effective preconstruction subterranean termite control requires the establishment of a unbroken verticle and/or horizontal chemical barrier between wood in the structure and the termite colonies in the soil. To meet F.H.A. termite proofing requirements, follow the latest edition of the Housing and Urban Development (H.U.D.) Minimum Property Standards.

(8)
Use a 1% water emulsion for subterranean termites. Mix 2 gallons of DURSBAN TC in 98 gallons of water to produce a 1% water emulsion.

(9)
After grading is completed and prior to the pouring of the slab, slab supported/constructed porches or entrance platforms, make the following treatments. Applications shall be made by a low pressure spray for horizontal barriers over areas intended for covering floors, porches and other critical areas.

(10)
Establish a vertical barrier in areas such as around the base of foundations, plumbing, backfilled soil against foundation walls and other critical areas.

(11)
1. Where it is necessary to produce a horizontal barrier, apply the emulsion at the rate of 1 gallon per 10 square feet to fill dirt. If fill is washed gravel or other coarse material, apply at 1 1/2 gallons per 10 square feet. It is important that the emulsion reaches the soil substrate.

(12)

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SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAK TC

a. If concrete slabs cannot be poured over soil the same day it has been treated, a waterproof cover, such as polyethylene sheeting, should be placed over the soil. This is not necessary if foundation walls have been installed around the treated soil.

(13)

2. To produce a vertical barrier, apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth.

(14)

a. Rodding and/or trenching applications should not be made below the top of the footings.

(15)

b. Trench need not be wider than 6 inches.

(16)

c. Rod holes should extend from the base of the trench to the top of the footings, and should be spaced (about 3 feet) to provide a continuous barrier.

(17)

d. Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil with a layer of untreated soil, or other suitable barrier such as polyethylene sheeting.

(18)

3. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet so it will reach the footings.

(19)

4. For crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to bottom of foundations. Application may be made by rodding and/or trenching (utilizing low pressure spray). Treat both sides of foundation and around all piers and pipes.

(20)

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SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN* TC

a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier.

(21)

b. Trench need not be wider than 6 inches nor [BOLD]below[NORM] the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a layer of untreated soil or other suitable barrier such as polyethylene sheeting.

(22)

c. Do not apply this product in any manner to an area intended as a plenum air space.

(23)

d. Do not apply this product as an overall treatment to soil in crawl spaces.

(24)

All holes drilled in construction elements for treatment should be securely plugged.

(25) POSTCONSTRUCTION TREATMENTS

Use a 1% emulsion for subterranean termites. Mix 2 gallons of DURSBAN TC in 98 gallons of water to produce a 1% water emulsion.

(26)

Postconstruction applications shall be made by injection, rodding, and/or trenching (using low pressure spray).

(27)

Do not apply emulsion until location of heat or air conditioning ducts, vents, water and sewer lines and electrical conduits are known and identified. Extreme caution must be taken to avoid contamination of these structural elements and airways.

(28)

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SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN* TC

1. For slab-on-ground construction apply at the rate of 4 gallons of emulsion per 10 linear feet. Applications may be made by sub-slab injection and/or trenching. Injectors should not exceed beyond the tops of the footings. Treat along the outside of the foundation and where necessary just beneath the slab along one side of interior partitions and along all cracks and expansion joints.

(29)

a. Drill holes in the slab to provide a continuous chemical barrier.

(30)

b. Where necessary, drill through the foundation walls from the outside and force the emulsion just beneath the slab either along the inside of the foundation or along all the cracks and expansion joints and other critical areas.

(31)

c. For shallow foundations, 1 foot or less, dig a narrow trench approximately six inches wide along the outside of the foundation walls. Do not dig below the bottom of the foundation. The emulsion should be applied to the trench and the soil at 4 gallons per 10 linear feet as the soil is replaced in the trench. Cover the treated soil with a layer of untreated soil.

(32)

d. For foundations deeper than 1 foot follow rates for basements.

(33)

2. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet.

(34)

3. For basements apply at the rate of 4 gallons of emulsion per 10 linear feet. Where footings are greater than 1 foot of depth from the grade to the bottom of the foundation application may be made by trenching and/or rodding at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth.

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SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH I
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN* TC

Treat outside of foundation walls, and if necessary beneath the basement floor along inside of foundation walls, along cracks in basement floors, along interior load bearing walls, around sewer pipes, conduits, and piers.

(35)

4. In crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to bottom of foundation. Application may be made by rodding and/or trenching (utilizing low pressure spray). Treat both sides of foundation and around all piers and pipes.

(36)

a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier.

(37)

b. Trench need not be wider than 6 inches nor [BOLD]below[NORM] the foundation. The emulsion should be mixed with the soil as it is replaced in the trench. Cover the treated soil with a layer of untreated soil or other suitable barrier such as polyethylene sheeting.

(38)

c. For inaccessible crawl spaces, treat soil by an alternate method such as drilling and rodding through foundation walls from the outside.

(39)

All treatment holes drilled in construction elements of living areas of homes should be securely plugged.

(40) TREATMENT OF PRECONSTRUCTION LUMBER AND LOGS

To protect unseasoned or seasoned lumber and logs from wood destroying insects, such as termites, carpenter ants and beetles, (ambrosia, powder-post, old house borers and others) totally treat wood with a 0.5% emulsion of chlorpyrifos. This emulsion can be applied by various methods including spraying, brushing, dipping and pressure treatment.

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SPECIFICATION NUMBER: 26056-L2 STYLE: 1 DESCRIPTION: SPECIMEN LABEL WITH 1
REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN TC

Frequent monitoring of dip and pressure systems are necessary to insure that the desired level of chlorpyrifos is maintained. Wood can be safely handled after treatment when dry.

(41)

1. For dip treatments, the wood should be totally submersed in the emulsion until thoroughly wet and then allowed to dry in a suitable location.

(42)

2. For pressure treatments, the wood should be placed in the treatment chamber, the chlorpyrifos emulsion added and the system pressurized up to 250 psig for 30 minutes to 1 hour depending on the density and type of wood treated. After the pressure is released and the system drained, the wood should be placed in a suitable location for drying.

(43) RETREATMENT RESTRICTIONS

1. Retreatment for subterranean termites should only be made when there is evidence of reinfestation subsequent to the initial treatment, or there has been a disruption of the chemical barrier in the soil due to construction, excavations, landscaping, etc.

(44)

2. Retreatments may be made to critical areas in accordance with the application techniques described above. This application should be made as a spot treatment to these areas.

(45)

Routine retreatment of the entire premises should be avoided.

(46) CONTROL OF WOOD INFESTING BEETLES, CARPENTER ANTS AND TERMITES
(Localized Areas in Structures)

(47)

Usage and Mixing Instructions: DURSBAN TC termiticide is recommended for use as an aqueous emulsion containing 0.5% or 1% chlorpyrifos. To prepare a 0.5% emulsion add 1 1/3 fl oz (40 ml) of concentrate to every gallon of final spray mixture desired. To prepare 1% emulsion, add 2 2/3 fl oz (80 ml) of concentrate per gallon of spray.

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THE DOW CHEMICAL COMPANY QUALITY ASSURANCE
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SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH
 REQUESTOR: ROSS / MILLIGAN
 PRODUCT NAME: DURSBAK TC

(48)

To control wood-infesting beetles of the families [BOLD]Lyctidae, Bostrichidae, Anobiidae, [NORM] and [BOLD]Cerambycidae [NORM] in homes and other structures, apply as an emulsion containing 0.5% to 1% chlorpyrifos. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For large or overhead areas, apply as a coarse spray to the point of runoff. When spraying overhead interior areas of homes, apartment buildings, etc. to the point of runoff, cover all surfaces below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash if contamination from dripping occurs. Sprayed surfaces should be avoided until the spray has totally dried. Do not apply in food serving areas while food is exposed. Do not use in structures occupied by animals to be used for food purposes or which produce products for human consumption. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed.

(49)

For control of carpenter ants in homes and other structures, apply as a 0.5% or 1.0% chlorpyrifos solution around doors and windows and other places where carpenter ants enter the premises and where they crawl and hide. Also spray into cracks and crevices or through openings or small newly drilled holes into wall voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area to the point of run-off.

(50)

For control of termites (localized areas of infested wood in structures), apply a 0.5% or 1.0% emulsion to voids and channels in damaged wood and in spaces between wooden members of a structure and between wood and foundations where termite infestation is likely to occur. Application may be made to inaccessible areas by drilling, and then injecting the emulsion. Use a sufficient amount of coarse spray to cover the area to the point of run-off. Treatment of localized areas is intended to kill workers and winged reproductive forms of termites in the treated areas and to prevent infestations for a temporary period. This type of application is not intended to be a substitute for soil treatment or mechanical alteration to control subterranean termites.

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REQUESTOR: ROSS / MILLIGAN
PRODUCT NAME: DURSBAN® IC

(51) STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

(52)

[BOLD]Pesticide Storage:[NORM] Do not store with food, feed, drugs, or clothing. Store securely. Store to prevent cross contamination of other pesticides and fertilizer. Store in original tightly closed container. Store above 55[DEG]F.

(53)

[BOLD]Pesticide Disposal:[NORM] Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

(54)

[BOLD]Container Disposal:[NORM] Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by incineration, or, if allowed by local authorities, by burning.

(55) WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

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SPECIFICATION NUMBER: 26056-L2 STYLE: I DESCRIPTION: SPECIMEN LABEL WITH I
REQUESTOR: ROSS MILLIGAN
PRODUCT NAME: DURSBRAN* 10

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:
(1) [BOLD]Refund of purchase price[NORM] paid by buyer or user for product bought, [BOLD]or[NORM]
(2) [BOLD]Replacement[NORM] of amount of product used.
The seller [BOLD]will not be liable for consequential or incidental damages or losses[NORM].

The terms of this Limit of Warranty and Liability cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

*Trademark of THE DOW CHEMICAL COMPANY

26056-L2

1084

DOW DIAMOND*

THE DOW CHEMICAL COMPANY
Midland, Michigan 48640 U.S.A.

DIAMOND: NO DIAMOND REQUIRED
RR/INSECTICIDE, LIQUID, N.O.S. (Chlorpyrifos)
NA199.4
SPECIMEN LABEL 86-1832 DATE CODE 1084
REPLACES 86-1832 DATE CODE 0384
DISCARD PREVIOUS SPECIMEN LABELS

REVISIONS INCLUDE:

- 1) REVISED FORMAT PER PR 83-3
- 2) NOTE TO PH ICIAN
- 3) WARRANTY

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